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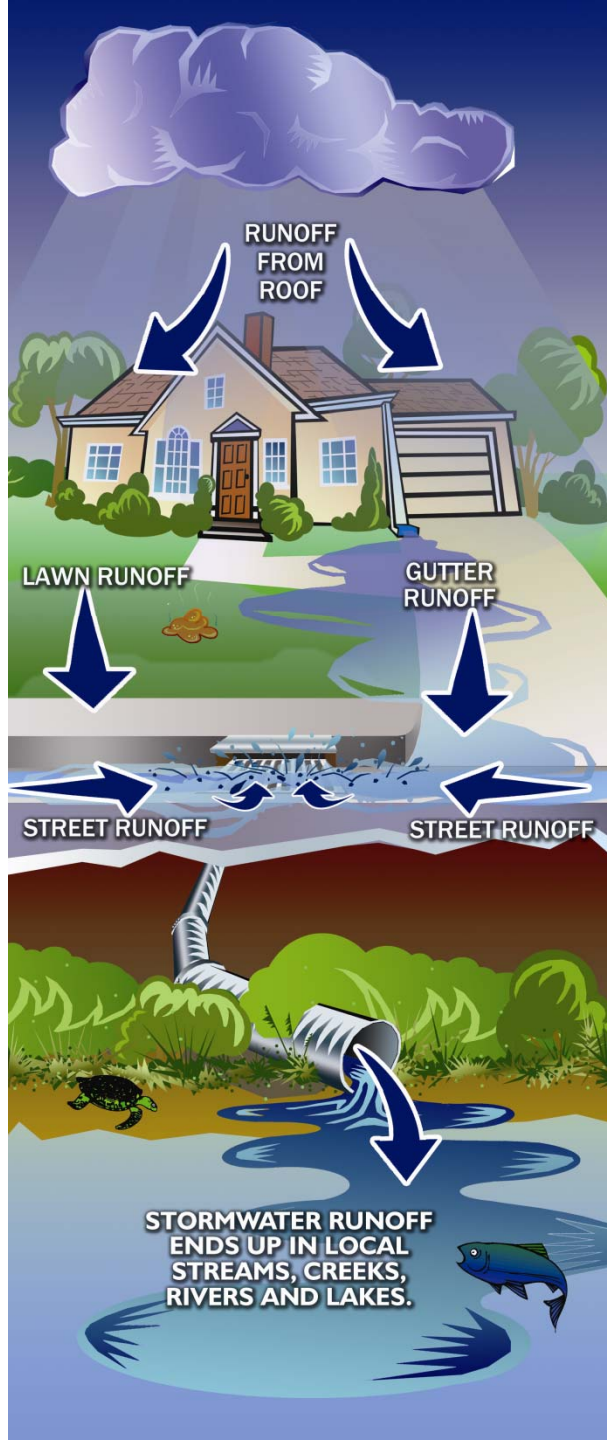
Stormwater Pollution Ordinance

Working together for clean water

Presented to the Landlord Training Workshop

November 7, 2009

John Cox, Water Quality Manager



Background

Storm drains lead directly to local streams and lakes, our sources for drinking water.

Stormwater can carry oil, grease, soap, metals, dirt, and other pollutants.

Stormwater regulations are designed to ensure **clean water**.



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Outline

- Stormwater regulations
- Enforcement overview
- Typical violations and how to prevent them



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Stormwater Regulations

- Stormwater pollution control ordinance updated in 2006
- Rooted in Federal Clean Water Act and state laws that require cities to reduce pollution from storm water systems

Stormwater Regulations

- Do not dump motor oil, paint, cleaning products, leaves or grease into parking lots or storm drains.



**Dispose of
waste properly**





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Stormwater Regulations

- Do not change motor oil or repair engines in apartment parking lots. Only vehicle washing with approved equipment is allowed.



**Proper car wash
controls prevent
pollution**



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Stormwater Regulations

- Use an absorbent like kitty litter to clean up any leaks that occur while your vehicle is parked. Sweep up absorbent and dispose of in trash.

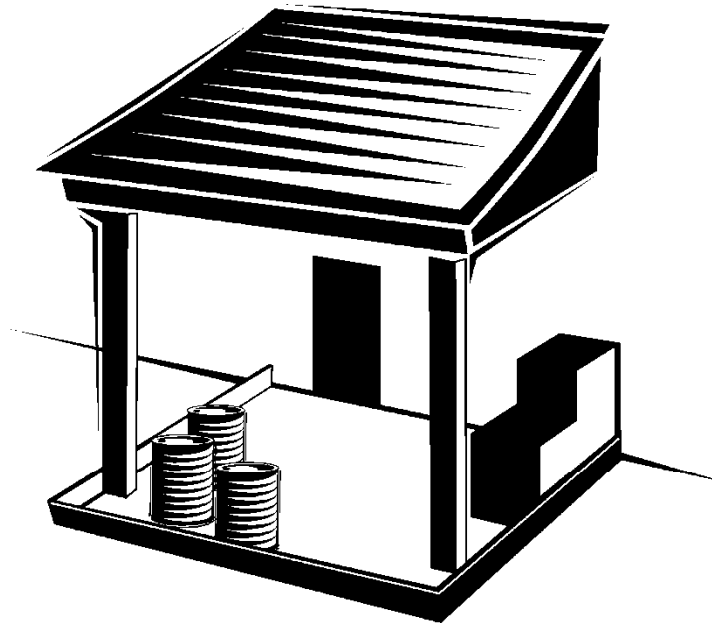




Stormwater Regulations

- Store chemicals properly, in a covered area.

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Stormwater Regulations

- Maintain above and below-ground drainage systems on your property.
- Notify authorities of any spill that could result in an illegal discharge into the storm drain system.



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Stormwater Regulations: Enforcement

- Our main goal: COMPLIANCE
- Residential: maximum civil penalty of **\$500** per violation per day
- Nonresidential: maximum civil penalty of **\$2,000** per violation per day
- Additional penalties for repeat violations



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Responsible Parties

- Person(s) who violated the ordinance
- Property owner
- Property manager
- Each of the above parties may be held responsible and may incur separate civil penalties



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Typical Violation: Sewer Spill



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Sewer Spill Prevention



- No cooking oil, grease or rags down the sink or storm drain
- Inspect and maintain sewer lines



Use fat trapper bags to collect grease and oil. Throw in trash can.

Typical Violation: Oil leaks/spills





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Oil Spill Prevention

- Prohibit vehicle maintenance in apartment parking lots.
- Inspect parking lots regularly.
- Clean up and properly dispose of any auto fluids.

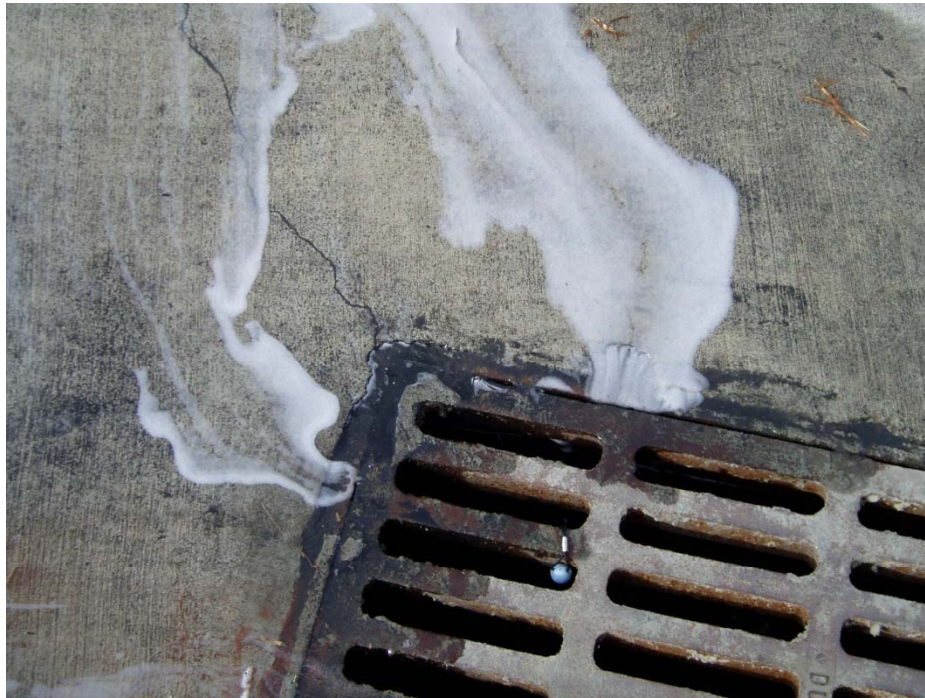




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Typical Violation: Improper vehicle washing





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Improper Vehicle Washing Prevention

- Disallow vehicle washing on site ***unless*** there are structural controls in place to collect and properly dispose of vehicle wash water.
- Wash water must go into the sanitary sewer system, ***not*** the stormwater drainage system.

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Improper Vehicle Washing Prevention

Proper mobile
wash methods
capture wash
water and send it
to the sanitary
sewer system for
treatment.



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Typical Violation: Improper Chemical Storage



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Improper Chemical Storage Prevention

- Store chemicals in sheltered areas away from storm drains, ditches and creeks.
- Inspect parking lots regularly.
- Maintain a spill clean-up kit
- Train employees in spill control procedures



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Notification Requirements

- Notify the City of Durham Public Works Department of spills that could result in an illegal discharge.
- Notify the state for:
 - oil spills that are 25 gallons or larger or cause a sheen on a creek or that occur within 100 feet of a stream.
 - sewage spills of any quantity that reach surface waters or which are 500 gallons or larger.



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Spill Response and Prevention

- Have a written plan that includes procedures and contact information
- Train all employees
- Make sure property owner has authority to act



Questions?

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